

**Abstract of the Disclosure**

A process for producing tissue webs is disclosed. The process includes the step of partially dewatering a tissue web and then subjecting the web to multiple deflections against fabrics prior to drying the tissue web. For instance, in one embodiment, the tissue web is deflected multiple times in between two opposing fabrics. The tissue web can be deflected against the fabrics under sufficient pressure to cause the tissue web to mold against the fabrics. By deflecting the tissue web multiple times, rearrangement of the papermaking fibers contained in the tissue web occurs increasing the bulk of the web.